

FRONT DOOR LOCK

INSPECTION

1. INSPECT FRONT DOOR WITH MOTOR LOCK ASSEMBLY LH

(a) Apply the battery voltage to the motor terminals and check the operation of the door lock motor.

OK

Measurement Condition	Specified Condition
Battery positive (+) → 4 (L) Battery negative (-) → 1 (UL)	Lock
Battery positive (+) → 1 (UL) Battery negative (-) → 4 (L)	Unlock

If the result is not as specified, replace the door lock assembly.

(b) Measure the resistance of the door lock position switch.

Standard resistance

Tester Connection	Switch Condition	Specified Condition
8 (LSSR) - 7 (E)	Lock	10 kΩ or higher
8 (LSSR) - 7 (E)	Unlock	Below 1 Ω

If the result is not as specified, replace the door lock assembly.

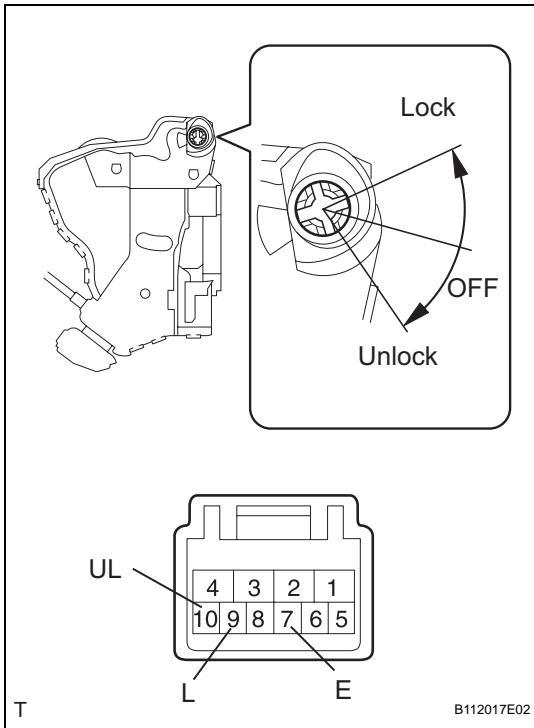
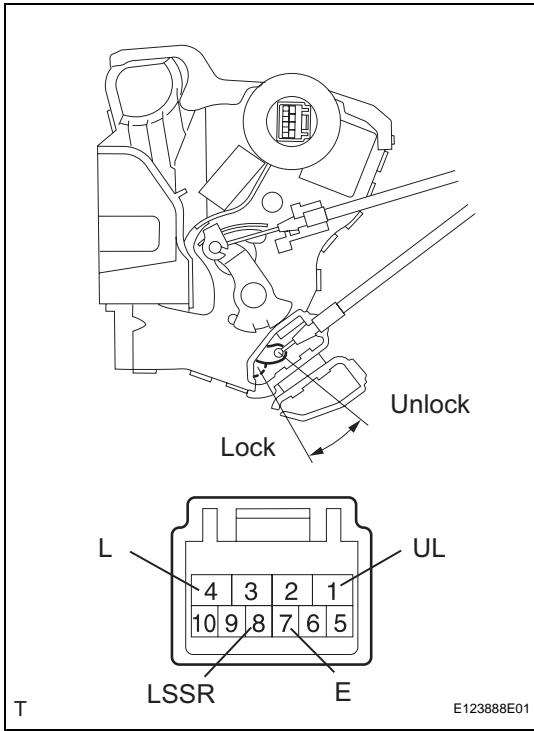
(c) Measure the resistance of the door key lock and unlock switch operation.

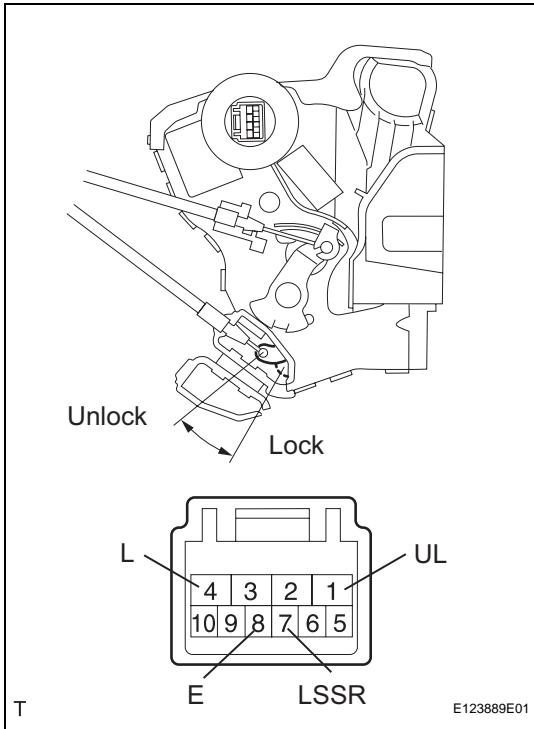
Standard resistance

Tester Connection	Switch Condition	Specified Condition
9 (L) - 7 (E)	Lock	Below 1 Ω
9 (L) - 7 (E)	OFF	10 kΩ or higher
10 (UL) - 7 (E)	Unlock	Below 1 Ω
10 (UL) - 7 (E)	OFF	10 kΩ or higher

If the result is not as specified, replace the door lock assembly.

DL





2. INSPECT FRONT DOOR WITH MOTOR LOCK ASSEMBLY RH

(a) Apply the battery voltage to the door lock motor and check that the operation of the door lock motor.

OK

Measurement Condition	Specified Condition
Battery positive (+) → 4 (L) Battery negative (-) → 1 (UL)	Lock
Battery positive (+) → 1 (UL) Battery negative (-) → 4 (L)	Unlock

If the result is not as specified, replace the door lock assembly.

(b) Measure the resistance of the door lock position switch.

Standard resistance

Tester Connection	Switch Condition	Specified Condition
7 (LSSR) - 8 (E)	Lock	10 kΩ or higher
7 (LSSR) - 8 (E)	Unlock	Below 1 Ω

If the result is not as specified, replace the door lock assembly.